**Index of Claims** 

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10/642,807

Elli Peselev

Examiner

Applicant(s)/Patent under Reexamination LEWIS ET AL.

Art Unit

1623

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
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| Cla                    | aim        | Date         |          |              |           |          | 1       | Cla     | aim                | Date       |          |          |                 |          |          | CI                                 | Claim Date |         |          |       |            |          |          | $\neg$       |  |          |                 |          |          |
|------------------------|------------|--------------|----------|--------------|-----------|----------|---------|---------|--------------------|------------|----------|----------|-----------------|----------|----------|------------------------------------|------------|---------|----------|-------|------------|----------|----------|--------------|--|----------|-----------------|----------|----------|
|                        |            | 7            | П        | П            | Ť         | Ť        | Т       | Т       | Т                  | 1          |          |          | П               | T        | $\top$   | T                                  | $\Box$     | Т       |          |       |            |          |          | Т            | T                                      | Τ        |                 |          | $\neg$   |
| ख                      | Original   | ٦٢           | lΙ       |              | 1         | ı        |         | ŀ       |                    |            | <u> </u> | Original |                 |          |          |                                    |            |         |          | ল     | Original   |          |          |              |  |          |                 | ĺ        |          |
| Final                  | <u>:</u> Ē |              |          |              | - 1       |          |         |         |                    |            | Final    | į        |                 |          | - 1      | 1                                  |            |         |          | Final | igi        |          |          |              |  |          |                 |          |          |
| _                      | Ō          | 05           |          | 1            |           |          |         | 1       |                    |            | -        | ō        |                 | 1        | -        |                                    |            | -       |          | _     | Ō          |          | 1        |              |  |          |                 |          |          |
| <del> </del>           | 1          |              | - 1      | -+           | ┰         |          | +-      | +       |                    | -          |          | 51       | $\vdash$        | $\dashv$ | $\dashv$ | ╁                                  | $\dashv$   | +       |          |       | 101        |          |          | +            | +                                      | $\vdash$ | Н               | -        | _        |
|                        | 2          | $\vdash$     | -        | +            | +         | -        | +       | +       | ┰                  | -          | <b>-</b> | 52       | ┢               |          | -        | +                                  | -          | +       |          |       | 102        | _        |          | ╁            | ╁                                      | ╁        | $\vdash$        | $\dashv$ |          |
|                        |            | ├            | $\vdash$ |              | +         | -        | +       | +       |                    | -          |          |          | $\vdash$        |          | +        | + +                                | +          | +       | +        |       |            | _        | -        | +-           | ┿                                      | -        | Н               | -        | _        |
| <u> </u>               | 3          | ├            | -1       |              | -         | +        | +       | +       | -                  | -          | <u> </u> | 53<br>54 | $\vdash \vdash$ | $\dashv$ | +        | +                                  |            | +       |          |       | 103        |          |          | ┿            | ╀                                      | ┝        | Н               |          |          |
| _                      | 4          | <del> </del> | $\vdash$ |              | -         | +        | +       | +       | -                  | -          |          |          | $\vdash$        | -+       |          |                                    |            | +       |          |       | 104        |          | -        | +            | ╀                                      | ┢        | $\vdash$        |          | $\dashv$ |
|                        | 5          | <u> </u>     | $\vdash$ |              | +         |          | +-      | +       |                    | -          |          | 55       | $\vdash$        | _        | -        | 1-1                                |            | -       |          |       | 105        | _        | -        | +-           | ╄                                      | -        | $\vdash \vdash$ |          | _        |
|                        | 6          | ⊢            | $\vdash$ | — <u> </u> - | -         |          | +       | +       | -                  | -          |          | 56       | $\vdash$        |          |          | 1-1                                | -          | +       | +        |       | 106        | _        |          | +-           | ╄                                      | ⊢        |                 |          |          |
|                        | 7          | ⊢            | $\vdash$ |              |           | -        | +       | +       | +                  | -          |          | 57       |                 | _        | _        | + -                                |            | +       |          |       | 107        |          | -        | -            | ╄                                      | ┢        | $\sqcup$        | _        | _        |
|                        | 8          | ├—           |          |              | +         | _        | +       | +       |                    | 4          |          | 58       | $\vdash$        |          | -        | 1-1                                | $\dashv$   | +       | +        |       | 108        |          |          | $\bot$       | ╄                                      | <u> </u> |                 |          | _        |
|                        | 9          | <u> </u>     | $\sqcup$ | _            | _         | 4        | 4       | +       | -                  |            |          | 59       |                 |          | _        | 1                                  | _          | $\perp$ |          |       | 109        | _        | $\perp$  | +-           | ↓_                                     | <u> </u> | Щ               | _        |          |
|                        | 10         | <u> </u>     | $\sqcup$ | _            | $\dashv$  | -        | _       | 4       | -                  |            |          | 60       | $\sqcup$        |          |          | 1                                  | -          | 4       | _        |       | 110        |          | -        | 4_           | ╙                                      | ╙        |                 | _        |          |
|                        | 11         | <u> </u>     | $\sqcup$ | 4            | 4         | _        | 4       | _       |                    | 4          |          | 61       | Щ               | _        | $\bot$   | $\sqcup$                           | $\perp$    | _       |          |       | 111        |          | $\perp$  | _            | ــــــــــــــــــــــــــــــــــــــ | _        | Щ               |          |          |
| <u> </u>               | 12         | 4            | Ш        | _            | _         | $\perp$  | $\perp$ | $\bot$  | $\perp$            | 4          |          | 62       | Щ               |          |          | $\bot$                             | $\perp$    | ┵       | $\perp$  |       | 112        |          | ot       | 1            | _                                      |          | Ш               |          |          |
|                        | 13         | 1            | Ш        | $\perp$      | $\perp$   | $\perp$  | $\perp$ | $\perp$ |                    | 1          |          | 63       | Ш               |          |          | $\downarrow \downarrow \downarrow$ | $\perp$    | $\perp$ | _        |       | 113        |          |          | $\perp$      | <u> </u>                               | <u> </u> | Ш               |          |          |
|                        | 14         | 1            | Ш        |              |           |          | $\perp$ | _ _     |                    | 1          |          | 64       | Ш               | $\perp$  |          | $\bot$                             |            | $\perp$ | _        |       | 114        |          |          | $\perp$      | $\perp$                                |          | Ш               |          | ]        |
| L                      | 15         | 4            |          | $\perp$      | $\perp$   |          | $\perp$ |         | $\perp$            | J          |          | 65       |                 |          |          |                                    | $\perp$    | $\perp$ |          |       | 115        |          |          |              |  |          |                 |          |          |
| <u></u>                | 16         | 6            |          |              | $\perp$   |          | ┸       | $\bot$  |                    | ]          |          | 66       |                 |          |          | 11                                 |            |         |          |       | 116        |          |          |              |  |          |                 |          |          |
|                        | 17         | V            |          |              |           |          | 1       |         |                    | ]:::::     |          | 67       |                 |          |          |                                    |            |         |          |       | 117        |          |          |              | Г                                      | Ι        |                 |          |          |
|                        | 18         | 1            |          |              |           |          |         |         |                    | ]          |          | 68       |                 |          |          |                                    |            | Т       |          |       | 118        |          |          | T            |  |          |                 |          | $\neg$   |
|                        | 19         | 6            |          |              | Т         |          |         | Т       |                    |            |          | 69       |                 |          |          | $\Box$                             |            | T       | $\neg$   |       | 119        |          |          | Т            | T                                      |          |                 |          | ᆿ        |
|                        | 20         | 4            |          |              | Т         | $\neg$   | Т       | ┪       |                    |            |          | 70       |                 | $\neg$   |          | $\Box$                             |            | T       | T        |       | 120        |          |          | $\top$       | 1                                      |          |                 |          | ᆿ        |
|                        | 21         | 1            | П        |              |           | $\neg$   |         | T       |                    | 1          |          | 71       | П               | T        |          | $\Box$                             |            | $\top$  |          |       | 121        |          |          | $\top$       | 1                                      | T        | $\Box$          | $\neg$   | ᆿ        |
|                        | 22.        | レ            |          |              | T         |          |         | 1       |                    |            |          | 72       |                 |          |          | $\top$                             |            | $\top$  | $\top$   |       | 122        |          |          | 1            | †                                      |          |                 |          | ᆿ        |
|                        | 23         | V            |          | T            | 7         | $\top$   | T       | $\top$  | 1-                 | 7:::::     |          | 73       |                 | $\neg$   |          |                                    |            | $\top$  |          |       | 123        | _        | $\top$   | $^{\dagger}$ | †                                      | T        |                 |          | $\dashv$ |
|                        | 24         | V            |          | T            | T         | 1        |         | ✝       |                    |            |          | 74       | $\Box$          | 十        | $\neg$   | 1                                  | $\neg$     | +       |          |       | 124        |          | _        | +            | †                                      |          | $\Box$          | $\dashv$ | $\dashv$ |
|                        | 25         | v            | $\Box$   | $\neg$       | $\exists$ | _        | 1       | 7       |                    | 1          |          | 75       | Н               | $\neg$   |          | 1                                  | _          | +       | 1        |       | 125        | _        | $\dashv$ | +            | †                                      | T        | Н               | $\dashv$ | ┪        |
|                        | 26         | v            |          |              | $\top$    | _        | +       | +       |                    | 1::::      |          | 76       | Н               | _        |          | $\vdash$                           | $\dashv$   | +       | +-       |       | 126        |          | $\dashv$ | +            | ╁╴                                     |          |                 | $\dashv$ | $\dashv$ |
|                        | 27         | v            | Н        | 十            | 十         |          | _       | $\top$  | _                  | 1          |          | 77       |                 | $\dashv$ | _        | $\Box$                             | +          | +       | $\dashv$ |       | 127        | -        | $\dashv$ | ┿            | ╁╴                                     | $\vdash$ | Н               | $\dashv$ | ┈┤       |
|                        | 28         | v            |          | $\dashv$     | $\top$    | $\dashv$ | +       | +       | $\top$             | 1          |          | 78       |                 | -+       | +        | +                                  |            | +       | _        |       | 128        | $\neg$   |          | +            | +                                      | -        | $\vdash$        |          | $\dashv$ |
| _                      | 29         | L            | -        | $\dashv$     | 十         | +        | ╈       | ╈       | +-                 | 1          |          | 79       | $\vdash$        | $\dashv$ | +        | ╫                                  | $\neg$     | +       | +        |       | 129        | -        | +        | +-           | -                                      | H        | $\vdash$        | $\dashv$ | $\dashv$ |
|                        | 30         | L            | $\vdash$ | -+           | +         | +        | +       | +       |                    | 1          |          | 80       | $\vdash$        | $\dashv$ |          | +                                  | $\dashv$   | +       | +        |       | 130        |          | -        | ╁            | +-                                     |          | $\vdash$        | $\dashv$ | $\dashv$ |
|                        | 31         | L            | $\vdash$ | $\dashv$     | +         | +        | +       | +       | +                  | 1          |          | 81       | $\vdash$        | $\dashv$ | +-       | $\vdash$                           |            | +       | +        |       | 131        | $\dashv$ | $\dashv$ | ┿            | +-                                     | -        | Н               | $\dashv$ |          |
|                        | 32         | L            | $\dashv$ | $\dashv$     | +         | -        | +       | +       | +-                 | 1          |          | 82       | $\vdash$        | $\dashv$ | +-       | +                                  |            | +       | ┿        |       | 132        | $\dashv$ |          | ╁            | +-                                     |          | $\vdash$        |          |          |
| -                      | 33         | 6            | $\dashv$ | $\dashv$     | +         | -        | +       | +       | +-                 | -          |          | 83       | $\vdash$        | -+       |          | ╁                                  |            | +       | ╫        |       |            |          |          | +-           | +-                                     | ┢        | $\vdash$        |          |          |
| $\vdash \vdash \vdash$ | 33         | ۲            | +        | +            | +         | +        | +       | +       | +                  | tiiii      |          | 84       | $\vdash$        | $\dashv$ | +        | ╂─┤                                | +          | +       | $\dashv$ |       | 133<br>134 | $\dashv$ | $\dashv$ | +            | ╁                                      | $\vdash$ | $\vdash$        |          | $\dashv$ |
| $\vdash$               | 35         | 1            | -        | -            | +         | ╬        | +       | +       | +                  | łiiil      |          | 85       | $\vdash$        | $\dashv$ | +        | ╂╌┤                                | +          | +       | +        |       | 135        | $\dashv$ | +        | +            | ╀                                      | -        | $\vdash$        | $\dashv$ | $\dashv$ |
| H                      | 36         | 1            | $\dashv$ | $\dashv$     | +         | +        | +       | +       | +                  |            |          | 86       | $\vdash$        | +        |          | ╂═┤                                | +          | +       | +        |       |            |          |          | +            | +-                                     | $\vdash$ | $\vdash$        | $\dashv$ |          |
| $\vdash$               | 37         | 1            | $\dashv$ | +            | $\dashv$  | +        | +       | +       | +-                 |            |          |          | $\vdash \vdash$ | +        |          | ╀┤                                 |            | +       | +        |       | 136        |          |          | +            | +-                                     | Н        | $\vdash \vdash$ |          | 4        |
| $\vdash$               |            | 14           |          | +            | $\dashv$  | +        | +       | +       | +-                 | 1          |          | 87       | $\vdash$        | +        | - -      | +                                  |            | +       |          |       | 137        | $\dashv$ |          | +            | +-                                     | Ш        | $\sqcup$        |          |          |
| <u> </u>               | 38         | ۲            | $\dashv$ | +            | +         | +        | +       | +       |                    | ا          |          | 88       | $\vdash$        | $\dashv$ |          | $\square$                          |            | +       |          |       | 138        | _        |          | +            | +-                                     | Н        | $\sqcup$        | _        | 4        |
|                        | 39         | $\vdash$     | $\vdash$ |              | +         | +        |         | +       | +                  | 4          |          | 89       | $\vdash$        | +        | +        | $\vdash$                           |            | +       | -        |       | 139        |          | -        | +            | +                                      | Ш        | $\sqcup$        |          | _        |
| <b></b> -              | 40         | <u> </u>     | $\vdash$ | +            | +         | +        | +       | +       | +                  | <b> </b>   |          | 90       | $\vdash$        | 4        | +        | +                                  | $\bot$     | 4       | —        |       | 140        | _        |          | 1            | 1                                      | Щ        | $\sqcup$        | _        | $\Box$   |
|                        | 41         | Ь.           | $\dashv$ |              | $\bot$    | +        | +       | 4       | +                  |            |          | 91       | $\vdash$        | +        | +        |                                    | _          | 1       | +        |       | 141        | _        | $\bot$   | 4            | ↓_                                     | Щ        | $\sqcup$        | _        | Ц        |
|                        | 42         | <u> </u>     | $\dashv$ | -            | 4         | $\perp$  | 4       | _       | -                  |            |          | 92       | $\sqcup$        | $\perp$  | $\dashv$ | $\sqcup$                           |            | 1       | $\perp$  |       | 142        | _        |          | 4            | 1                                      | Ш        | Ш               | _        | Щ        |
| <b> </b>               | 43         | $\vdash$     | $\dashv$ | _            |           | _        | 4       | $\bot$  |                    | Į          |          | 93       | $\Box$          | 4        |          | $\sqcup$                           |            | 1       | $\perp$  |       | 143        | _        | $\bot$   | $\perp$      | <u> </u>                               | Ш        | Ш               |          |          |
| $\vdash \vdash$        | 44         | L-I          | $\dashv$ | $\perp$      | $\perp$   | 4        | 4       | $\perp$ | ļ.,                |            |          | 94       | $\sqcup$        | $\dashv$ | _        | $\downarrow \downarrow$            | _ _        | $\perp$ |          |       | 144        |          |          | ╀            | $\perp$                                |          | $\sqcup$        |          | _        |
| $\vdash$               | 45         | Щ.           | $\sqcup$ | $\perp$      | 4         | $\perp$  | _       | _       | 1                  | Į <u>.</u> |          | 95       | $\dashv$        | _        |          | $\sqcup$                           |            | 1       | $\bot$   |       | 145        |          | _ _      | $\perp$      | $oxed{oxed}$                           | Ш        |                 | _        |          |
|                        | 46         |              |          | _            | $\perp$   | $\perp$  | $\perp$ | 丄       | 4                  |            |          | 96       | $\sqcup$        | $\perp$  | _        | $\perp \perp$                      | $\perp$    | $\perp$ |          |       | 146        |          |          | 1            | 1_                                     |          |                 |          | ]        |
| $\sqcup$               | 47         | L            | $\perp$  |              | $\perp$   | $\perp$  | ┸       | 1       |                    | [!!!       |          | 97       | $\sqcup$        | $\perp$  |          | $\perp \perp$                      |            | $\perp$ |          | ]     | 147        |          |          |              |  |          |                 |          |          |
| igsquare               | 48         | $\Box$       | $\perp$  |              |           | _ _      | ┸       | 1       | $oldsymbol{\perp}$ |            |          | 98       |                 |          |          | $\sqcup$                           |            |         |          |       | 148        | $\Box$   |          |              |  |          |                 |          |          |
|                        | 49         |              |          |              | $\perp$   | $\perp$  |         | ┸       |                    |            |          | 99       |                 |          | $\perp$  | $oxed{\Box}$                       |            | $\perp$ |          | ]     | 149        |          |          | oxdot        | $\Box$                                 |          |                 |          |          |
| ш                      | 50         | لالا         |          | Ш.           | $\perp$   |          |         | ⅃⅃      |                    | J[         |          | 100      |                 |          |          | Ш                                  |            | $\int$  |          |       | 150        |          |          | Γ            |  |          |                 |          | ٦        |